

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Cimicifuga racemosa*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	12-ACETYLACTEIN	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
0	27-DEOXYACTEIN	Root	--	--		Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	27-DESOXYACETYLACTEOL	Plant	--	--		
16	ACETIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
2	ACTEIN	Root	--	--		
2	ACTEIN	Plant	--	--		
5	ALUMINUM	Root	48	226	-0.1912183621931245	
112	ASCORBIC-ACID	Root	28	135	-0.568801576284696	
0	ASH	Root	--	--		
53	BETA-CAROTENE	Root	5	24	-0.28296048074413105	
6	BUTYRIC-ACID	Plant	--	--		
28	CALCIUM	Root	1254	5970	-0.15691792968206164	
0	CARBOHYDRATES	Root	170730	813000	-0.21867316898818387	
24	CHROMIUM	Root	0.4	1.8	-0.20117706529794718	
0	CIMICIFUGIN	Root	150000	200000		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CIMICIFUGOSIDE	Rhizome	--	--		
0	CIMIFUGOSIDE	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	CIMIGENOL-XYLOSIDE	Rhizome	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	CIMIGONITE	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	CIMIGOSIDE	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
2	COBALT	Root	1	3.8	-0.4627294331957213	
0	EO	Root	210	4000	-0.46638185891244993	
0	EO	Plant	1000	4000	-0.4361356820223302	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FAT	Root	3150	15000	-0.26278086141973483	
0	FAT	Seed	326000	451000	0.9776869503428604	
15	FIBER	Root	119000	119000	0.6859731853584935	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	FIBER(CRUDE)	Root	--	119000	0.2284591771690971	
0	FIBER(DIETARY)	Root	--	410000	0.12637212876798118	
13	FORMIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
16	FORMONONETIN	Root	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
62	GALLIC-ACID	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
6	IRON	Root	8	38	-0.38644716654057326	
4	ISOFERULIC-ACID	Plant	--	--		
0	KILOCALORIES	Root	3200	3200	-0.3666891526242119	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
65	MAGNESIUM	Root	365	1740	-0.4371484057909448	
14	MANGANESE	Root	0.3	1.4	-0.5291560655019355	
0	N-METHYL-CYTISINE	Plant	--	--		
39	NIACIN	Root	6.6	31.5	-0.5430960054757538	
18	OLEIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
13	PALMITIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
4	PHOSPHORUS	Root	437	2080	-0.2526248106460702	
14	POTASSIUM	Root	2163	10300	-0.4011752971664641	
0	PROTEIN	Seed	162000	238000	0.03739615649730251	Father Nature's Farmacy: The aggregate of all these three-letter citations.
0	PROTEIN	Root	17220	82000	-0.40890217963909664	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	RACEMOSIDE	Root	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
0	RACEMOSIN	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
0	RESIN	Root	--	--		
15	RIBOFLAVIN	Root	0.1	0.7	-0.7384929842775523	
34	SALICYLIC-ACID	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
60	SELENIUM	Root	0.7	3.2	-0.13481576486090638	
4	SILICON	Root	0.6	2.7	-0.3305017922183633	
1	SODIUM	Root	12	58	-0.4857668169259709	
5	STARCH	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
5	STARCH	Root	16800	80000	-0.9861330113268916	
0	SUGARS	Root	21000	100000	-0.03757564189391796	
41	TANNIC-ACID	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
35	TANNIN	Root	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
31	THIAMIN	Root	58	58	4.565797101129107	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
0	THIAMINE	Root	--	--		
4	TIN	Root	--	--		
0	WATER	Root	--	790000	0.13584730298158998	
77	ZINC	Root	--	--		